

## Abstract

The invention relates to a method for adjusting a wiping angle ( $\varphi_1$ ,  $\varphi_2$ ) between a park position and a reversal position (28, 30) of a wiper lever (16, 18) of a windshield wiper system for a motor vehicle with at least one wiper lever (18) whose park position or reversal position (30) runs approximately parallel to an A pillar (14) of a vehicle body, which laterally delimits a windshield (10), wherein the wiping angle ( $\varphi_2$ ) is adjusted by means of an eccentric ball pivot (60), which is arranged on a free end of a driving crank (54) and connects the same to a motor crank (52) in an articulated manner by means of an articulated rod (42), while the other end of the driving crank (54) sits on a drive shaft (56) in a rotationally fixed manner, said drive shaft driving a fastening part (58) of the wiper lever (18). It is proposed that the windshield wiper system is first mounted on the vehicle body without the eccentric ball pivot (60), that a rivet journal (64) of the eccentric ball pivot (60) is then inserted into a corresponding bore hole of the driving crank (54), that the optimum wiping angle ( $\varphi_2$ ) is determined and adjusted by modifying the effective

radius (78) between an articulation axis (66) of the eccentric ball pivot (60) and an axis (76) of the drive shaft (56) by rotating the eccentric ball pivot (60) around an axis (68) of the rivet journal (64), and that finally the rivet journal (64) is fixed in the driving crank (54) in the adjusted position.

(Fig. 2)